

# WEST

[Help](#)
[Logout](#)
[Interrupt](#)
[Main Menu](#)
[Search Form](#)
[Posting Counts](#)
[Show S Numbers](#)
[Edit S Numbers](#)
[Preferences](#)

## Search Results -

Term	Documents
(11 AND 34).USPT.	12

Database:

US Patents Full Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

Refine Search:

134 and 111

Clear

## Search History

Today's Date: 6/29/2000

DB Name	Query	Hit Count	Set Name
USPT	134 and 111	12	L35
USPT	133 and 110	939	L34
USPT	11 and 12	1369	L33
USPT	3d or 3-dimension? or three-dimension? or three adj dimension?	54971	L32
USPT	((705/26  705/27)!.CCLS. )	507	L31
USPT,JPAB,EPAB,DWPI,TDBD	129 and 11	13	L30
USPT,JPAB,EPAB,DWPI,TDBD	127 and (car or vehical)	79	L29
USPT,JPAB,EPAB,DWPI,TDBD	127 and 14	0	L28
USPT,JPAB,EPAB,DWPI,TDBD	((705/26  705/27)!.CCLS. )	507	L27
USPT,JPAB,EPAB,DWPI,TDBD	705/26-27	6	L26
USPT,JPAB,EPAB,DWPI,TDBD	110 and 14	33	L25
USPT,JPAB,EPAB,DWPI,TDBD	114 and 112	0	L24

USPT,JPAB,EPAB,DWPI,TDBD

117 and 110 and 111

10 L23

6/2000

USPT,JPAB,EPAB,DWPI,TDBD

(5130794| 5137450| 5287437| 5297061|  
5335323| 5365370| 5367627| 5410371|  
5414544)! [pn]27 L22

USPT,JPAB,EPAB,DWPI,TDBD

(4292977| 4628937| 4697595| 4699147|  
4706681| 4797842| 5041973| 5054496|  
5146926| 5273038| 5297549| 5311873)! [pn]36 L21

USPT,JPAB,EPAB,DWPI,TDBD

(5191644| 5347306| 5388990| 5487143|  
5491743| 5563988| 5577187| 5588914|  
5621904| 5659691| 5680558| 5682506|  
5689669| 5704837| 5708764| 5710897|  
5732232| 5736982| 5751289| 5767855|  
5771042| 5781229| 5802296| 5808613|  
5808614| 5815156| 5880731| 5884029|  
5889951| 5894307| 5907328| 5926179|  
5956038| 5982372| 5983003| 6008814)! [pn]96 L20

USPT,JPAB,EPAB,DWPI,TDBD

117 and 15 and 16

18 L19

6/2000

USPT,JPAB,EPAB,DWPI,TDBD

117 and 14

0 L18

USPT,JPAB,EPAB,DWPI,TDBD

11 and 12 and 13

660 L17

USPT,JPAB,EPAB,DWPI,TDBD

13 and 14

17 L16

6/2000

USPT,JPAB,EPAB,DWPI,TDBD

light or ray or ray adj tracing

2121525 L15

USPT,JPAB,EPAB,DWPI,TDBD

(horizontal or vertical) adj axis

122592 L14

USPT,JPAB,EPAB,DWPI,TDBD

(manufacture suggested) adj (price or retail)

0 L13

USPT,JPAB,EPAB,DWPI,TDBD

three adj dimensional adj model

26 L12

USPT,JPAB,EPAB,DWPI,TDBD

photorealism or photo-realism or  
photographic adj realism30 L11

USPT,JPAB,EPAB,DWPI,TDBD

multipl? or different and perspective and  
rotat? and (y or x) adj axis791663 L10

USPT,JPAB,EPAB,DWPI,TDBD

photo? adj reali?

0 L9

USPT,JPAB,EPAB,DWPI,TDBD

photoreali?

0 L8

USPT,JPAB,EPAB,DWPI,TDBD

photo adj reali?

0 L7

USPT,JPAB,EPAB,DWPI,TDBD

display or demonstrat? or present? or view?

1513178 L6

USPT,JPAB,EPAB,DWPI,TDBD

buy? or sell? or purchase?

58577 L5

USPT,JPAB,EPAB,DWPI,TDBD

car?1 or automobile?1 or vehical?1 or truck?1  
or van?159 L4

USPT,JPAB,EPAB,DWPI,TDBD

(network? or virtual or real adj time or  
realtime)153298 L3

USPT,JPAB,EPAB,DWPI,TDBD

computer adj graphic

10742 L2

USPT,JPAB,EPAB,DWPI,TDBD

(3d or 3 adj dimension?)

68449 L1

**WEST****Generate Collection****Search Results - Record(s) 1 through 10 of 10 returned.**☐ 1. Document ID: US 6081750 A

L23: Entry 1 of 10

File: USPT

Jun 27, 2000

US-PAT-NO: 6081750

DOCUMENT-IDENTIFIER: US 6081750 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 5986667 A

L23: Entry 2 of 10

File: USPT

Nov 16, 1999

US-PAT-NO: 5986667

DOCUMENT-IDENTIFIER: US 5986667 A

TITLE: Mechanism for rendering scenes using an object drawing subsystem

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5901246 A

L23: Entry 3 of 10

File: USPT

May 4, 1999

US-PAT-NO: 5901246

DOCUMENT-IDENTIFIER: US 5901246 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5875108 A

L23: Entry 4 of 10

File: USPT

Feb 23, 1999

US-PAT-NO: 5875108

DOCUMENT-IDENTIFIER: US 5875108 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5777621 A

L23: Entry 5 of 10

File: USPT

Jul 7, 1998

US-PAT-NO: 5777621

DOCUMENT-IDENTIFIER: US 5777621 A

TITLE: Quality control mechanism for three-dimensional graphics rendering

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 5774133 A

L23: Entry 6 of 10

File: USPT

Jun 30, 1998

US-PAT-NO: 5774133

DOCUMENT-IDENTIFIER: US 5774133 A

TITLE: Computer system with improved pixel processing capabilities

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 7. Document ID: US 5764231 A

L23: Entry 7 of 10

File: USPT

Jun 9, 1998

US-PAT-NO: 5764231

DOCUMENT-IDENTIFIER: US 5764231 A

TITLE: Method and apparatus for creating geometric depth images using computer graphics

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 8. Document ID: US 5561752 A

L23: Entry 8 of 10

File: USPT

Oct 1, 1996

US-PAT-NO: 5561752

DOCUMENT-IDENTIFIER: US 5561752 A

TITLE: Multipass graphics rendering method and apparatus with re-traverse flag

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 9. Document ID: US 5384908 A

L23: Entry 9 of 10

File: USPT

Jan 24, 1995

US-PAT-NO: 5384908  
DOCUMENT-IDENTIFIER: US 5384908 A  
TITLE: Avoiding oscillation in interactive animation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 10. Document ID: US 5301284 A

L23: Entry 10 of 10

File: USPT

Apr 5, 1994

US-PAT-NO: 5301284  
DOCUMENT-IDENTIFIER: US 5301284 A  
TITLE: Mixed-resolution, N-dimensional object space method and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Term	Documents
(11 AND 17 AND 10).USPT,JPAB,EPAB,DWPI,TDBD.	10

Display

10

Documents, starting with Document:

1

Display Format:

Change Format

**WEST**

Generate Collection

**Search Results - Record(s) 1 through 10 of 18 returned.**☐ 1. Document ID: US 6057856 A

L19: Entry 1 of 18

File: USPT

May 2, 2000

*Chen*  
~~US-PAT-NO: 6057856~~

DOCUMENT-IDENTIFIER: US 6057856 A

TITLE: 3D virtual reality multi-user interaction with superimposed positional information display for each user

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 6037927 A

L19: Entry 2 of 18

File: USPT

Mar 14, 2000

US-PAT-NO: 6037927

DOCUMENT-IDENTIFIER: US 6037927 A

TITLE: Method and apparatus for providing force feedback to the user of an interactive computer simulation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 6020931 A

L19: Entry 3 of 18

File: USPT

Feb 1, 2000

US-PAT-NO: 6020931

DOCUMENT-IDENTIFIER: US 6020931 A

TITLE: Video composition and position system and media signal communication system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5974400 A

L19: Entry 4 of 18

File: USPT

Oct 26, 1999

US-PAT-NO: 5974400

DOCUMENT-IDENTIFIER: US 5974400 A

TITLE: Trying-on apparel virtually (electronically) while protecting private data using irreversible process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5964660 A

L19: Entry 5 of 18

File: USPT

Oct 12, 1999

US-PAT-NO: 5964660

DOCUMENT-IDENTIFIER: US 5964660 A

TITLE: Network multiplayer game

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 5956038 A

L19: Entry 6 of 18

File: USPT

Sep 21, 1999

US-PAT-NO: 5956038

DOCUMENT-IDENTIFIER: US 5956038 A

TITLE: Three-dimensional virtual reality space sharing method and system, an information recording medium and method, an information transmission medium and method, an information processing method, a client terminal, and a shared server terminal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 7. Document ID: US 5920477 A

L19: Entry 7 of 18

File: USPT

Jul 6, 1999

US-PAT-NO: 5920477

DOCUMENT-IDENTIFIER: US 5920477 A

TITLE: Human factored interface incorporating adaptive pattern recognition based controller apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 8. Document ID: US 5894310 A

L19: Entry 8 of 18

File: USPT

Apr 13, 1999

US-PAT-NO: 5894310

DOCUMENT-IDENTIFIER: US 5894310 A

TITLE: Intelligent shapes for authoring three-dimensional models

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 9. Document ID: US 5875108 A

L19: Entry 9 of 18

File: USPT

Feb 23, 1999

US-PAT-NO: 5875108

DOCUMENT-IDENTIFIER: US 5875108 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 10. Document ID: US 5857064 A

L19: Entry 10 of 18

File: USPT

Jan 5, 1999

US-PAT-NO: 5857064

DOCUMENT-IDENTIFIER: US 5857064 A

TITLE: System for imaging complex graphical images

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

**Generate Collection**

Term	Documents
(17 AND 5 AND 6).USPT,JPAB,EPAB,DWPI,TDBD.	18

**Display****10**

Documents, starting with Document:

**11****Display Format:** **TI****Change Format**



5/6, TI/1 (Item 1 from file: 348)  
DIALOG(R) File 348: (c) 2000 European Patent Office. All rts. reserv.

01080830

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348  
Computer system for electronic shopping mall, electronic shopping  
mall control method, control program and medium  
Computer System fur ein elektronisches Einkaufszentrum, Methode zur  
Kontrolle eines elektronischen Einkaufszentrums, Kontrollprogramm und  
Medium  
Systeme informatique pour centres commerciaux electroniques, methode de  
controle d'un centre commercial electronique, logiciel de controle et  
support

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
SPEC A	(English)	9942	19958
Total word count - document A			19958
Total word count - document B			0
Total word count - documents A + B			19958

5/6, TI/2 (Item 1 from file: 653)  
DIALOG(R) File 653: (c) format only 2000 The Dialog Corp. All rts. reserv.

01668764

AUTOMATIC DOUGH CUTTER

FULL TEXT: 893 lines

5/6, TI/3 (Item 1 from file: 654)  
DIALOG(R) File 654: (c) format only 2000 The Dialog Corp. All rts. reserv.

03115207

COMMUNICATING WITH A COMPUTER BASED ON AN UPDATED PURCHASE BEHAVIOR  
CLASSIFICATION OF A PARTICULAR CONSUMER

FULL TEXT: 1521 lines

5/6, TI/4 (Item 2 from file: 654)  
DIALOG(R) File 654: (c) format only 2000 The Dialog Corp. All rts. reserv.

03115147

METHODS AND APPARATUS FOR INTELLIGENT SELECTION OF GOODS AND SERVICES IN  
TELEPHONIC AND ELECTRONIC COMMERCE

FULL TEXT: 2284 lines

5/6, TI/5 (Item 3 from file: 654)  
DIALOG(R) File 654: (c) format only 2000 The Dialog Corp. All rts. reserv.

03065764

SYSTEM FOR DELIVERING AND SIMULTANEOUSLY DISPLAYING PRIMARY AND SECONDARY  
INFORMATION, AND FOR DISPLAYING ONLY THE SECONDARY INFORMATION DURING  
INTERSTITIAL SPACE

FULL TEXT: 2608 lines

5/6, TI/6 (Item 4 from file: 654)  
DIALOG(R) File 654: (c) format only 2000 The Dialog Corp. All rts. reserv.

03014287

METHOD FOR GENERATING A PATH IN AN ARBITRARY PHYSICAL STRUCTURE

FULL TEXT:

2463 lines

5/6, TI/7 (Item 5 from file: 654)

DIALOG(R) File 654:(c) format only 2000 The Dialog Corp. All rts. reserv.

02998987

PARALLEL DATA NETWORK BILLING AND COLLECTION SYSTEM

FULL TEXT: 978 lines

5/6, TI/8 (Item 6 from file: 654)

DIALOG(R) File 654:(c) format only 2000 The Dialog Corp. All rts. reserv.

02981827

SYSTEM AND METHOD FOR DELIVERING FINANCIAL SERVICES

FULL TEXT: 1844 lines

5/6, TI/9 (Item 7 from file: 654)

DIALOG(R) File 654:(c) format only 2000 The Dialog Corp. All rts. reserv.

02981822

SYSTEM AND METHOD FOR DELIVERING CUSTOMIZED ADVERTISEMENTS WITHIN  
INTERACTIVE COMMUNICATION SYSTEMS

FULL TEXT: 1390 lines

File 9:Business & Industry(R) Jul/1994-2000/Jun 29  
(c) 2000 Res DB Svcs.

File 15:ABI/Inform(R) 1971-2000/Jun 29  
(c) 2000 Bell & Howell

File 16:Gale Group PROMT(R) 1990-2000/Jun 29  
(c) 2000 The Gale Group

File 18:Gale Group F&S Index(R) 1988-2000/Jun 29  
(c) 2000 The Gale Group

File 20:World Reporter 1997-2000/Jun 29  
(c) 2000 The Dialog Corporation plc

File 148:Gale Group Trade & Industry DB 1976-2000/Jun 29  
(c)2000 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 169:Insurance Periodicals 1984-1999/Nov 15  
(c) 1999 NILS Publishing Co.

File 267:Finance & Banking Newsletters 2000/Jun 28  
(c) 2000 The Dialog Corp.

File 268:Banking Information Source 1981-2000/Jun W3  
(c) 2000 Bell & Howell

File 473:Financial Times Abstracts 1998-2000/Jun 27  
(c) 2000 The New York Times

File 475:Wall Street Journal Abs 1973-2000/Jun 28  
(c) 2000 The New York Times

File 481:DELPHE'S EUR BUS 80-1999/DEC W3  
(c) 1999 ACFCI & CHAMBRE COMM IND PARIS

File 485:Accounting and Tax Database 1971-2000/Jun W3  
(c) 2000 Bell & Howell

File 583:Gale Group Globalbase(TM) 1986-2000/Jun 29  
(c) 2000 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2000/Jun 29  
(c) 2000 The Gale Group

File 623:Business Week 1985-2000/Jun W4  
(c) 2000 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2000/Jun 28  
(c) 2000 McGraw-Hill Co. Inc

File 625:American Banker Publications 1981-2000/Jun 28  
(c) 2000 American Banker

File 626:Bond Buyer Full Text 1981-2000/Jun 28  
(c) 2000 Bond Buyer

File 635:Business Dateline(R) 1985-2000/Jun 29  
(c) 2000 Bell & Howell

File 636:Gale Group Newsletter DB(TM) 1987-2000/Jun 29  
(c) 2000 The Gale Group

File 790:Tax Notes Today 1986-2000/Jun 29  
(c) 2000 Tax Analysts

File 791:State Tax Today 1991-2000/Jun 29  
(c) 2000 Tax Analysts

File 792:Worldwide Tax Daily 1987-2000/Jun 29  
(c) 2000 Tax Analysts

Set	Items	Description
S1	236868	3D OR THREE(W) DIMENSION? OR 3-DIMENSION?
S2	1758954	CAR OR AUTOMOBILE? OR VEHICAL?
S3	7280773	1 AND 2
S4	96670	(ONLINE OR INTERNET OR VIRTUAL OR ON(W) LINE) (W) (SHOP? OR B-UY? OR PURCHASE?)
S5	3134180	MOVE OR ROTAT? OR TURN? (3N) AROUND
S6	106172	ANIMATION
S7	1906	S1 AND S4
S8	562	S7 AND S5
S9	94	S2 AND S8
S10	16	S9 AND S6
S11	10	RD (unique items)
S12	10	S11 NOT PY>1999

et	Items	Description
S1	236868	3D OR THREE(W) DIMENSION? OR 3-DIMENSION?
S2	1758954	CAR OR AUTOMOBILE? OR VEHICAL?
S3	7280773	1 AND 2
S4	96670	(ONLINE OR INTERNET OR VIRTUAL OR ON(W) LINE) (W) (SHOP? OR BUY? OR PURCHASE?)
S5	3134180	MOVE OR ROTAT? OR TURN? (3N) AROUND
S6	106172	ANIMATION
S7	1906	S1 AND S4
S8	562	S7 AND S5
S9	94	S2 AND S8
S10	16	S9 AND S6
S11	10	RD (unique items)
S12	10	S11 NOT PY>1999
S13	0	S1 AND VOLVOCAR?
S14	490	S1 AND VOLVO
S15	92	S14 AND S6
S16	2	S15 AND S4
S17	121443	PHOTOGRAPHIC OR PHOTOGRAPHIC(W) REALISM
S18	398	S17 AND S1 AND S2
S19	5	S18 AND S4
?		

12/6, TI/1 (Item 1 from file: 15)  
DIALOG(R) File 15:(c) 2000 Bell & Howell. All rts. reserv.

01864295 05-15287

**Imagineering the future of the Internet: Sketches from the year 2010**

Apr/May 1999

LENGTH: 4 Pages

WORD COUNT: 3063

12/6, TI/2 (Item 2 from file: 15)  
DIALOG(R) File 15:(c) 2000 Bell & Howell. All rts. reserv.

01509241 01-60229

**Do you see what I see? The future of virtual shopping**  
Fall 1997

LENGTH: 9 Pages

WORD COUNT: 7329

12/6, TI/3 (Item 3 from file: 15)  
DIALOG(R) File 15:(c) 2000 Bell & Howell. All rts. reserv.

01253370 99-02766

**Marketing in hypermedia computer-mediated environments: Conceptual foundations**

Jul 1996

LENGTH: 19 Pages

WORD COUNT: 13654

12/6, TI/4 (Item 4 from file: 15)  
DIALOG(R) File 15:(c) 2000 Bell & Howell. All rts. reserv.

01077654 97-27048

**What's ahead for advertisers on CD-ROM?**

Aug 1995

LENGTH: 7 Pages

WORD COUNT: 3540

12/6, TI/5 (Item 1 from file: 16)  
DIALOG(R) File 16:(c) 2000 The Gale Group. All rts. reserv.

07039902 Supplier Number: 57162618

**AMERICAN COMPANIES IN JAPAN.**

June, 1999

Word Count: 16446

12/6, TI/6 (Item 2 from file: 16)  
DIALOG(R) File 16:(c) 2000 The Gale Group. All rts. reserv.

04201289 Supplier Number: 46144130

**OVER 50 INTERNET LEADERS EMBRACE 'MOVING WORLDS' AS NEXT-GENERATION OPEN INTERNET STANDARD FOR 3D ON THE WEB**

Feb 12, 1996

Word Count: 1686

12/6, TI/7 (Item 1 from file: 148)  
DIALOG(R) File 148:(c) 2000 The Gale Group. All rts. reserv.

10364921 SUPPLIER NUMBER: 20989735 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**World Class: Best Products of 1998. (PC World's 16th annual World Class Awards) (Industry Trend or Event)**

July, 1998

WORD COUNT: 5084 LINE COUNT: 00403

12/6, TI/8 (Item 2 from file: 148)

DIALOG(R) File 148: (c) 2000 The Gale Group. All rts. reserv.

08705066 SUPPLIER NUMBER: 18304166 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Working the floor. (companies that will exhibit in the 1996 American Booksellers Association convention)**

May 20, 1996

WORD COUNT: 58249 LINE COUNT: 04965

12/6, TI/9 (Item 3 from file: 148)

DIALOG(R) File 148: (c) 2000 The Gale Group. All rts. reserv.

08140177 SUPPLIER NUMBER: 17128554 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Fortune visits 25 cool companies. (Spacial Report: Information Technology)**

July 10, 1995

WORD COUNT: 11327 LINE COUNT: 00914

12/6, TI/10 (Item 1 from file: 635)

DIALOG(R) File 635: (c) 2000 Bell & Howell. All rts. reserv.

0747193 97-05720

**Microsoft to move MSN onto Web**

PUBL DATE: 961007

WORD COUNT: 1,127

**WEST****Generate Collection****Search Results - Record(s) 1 through 10 of 12 returned.**☐ 1. Document ID: US 6081750 A

L35: Entry 1 of 12

File: USPT

Jun 27, 2000

US-PAT-NO: 6081750

DOCUMENT-IDENTIFIER: US 6081750 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 2. Document ID: US 6026215 A

L35: Entry 2 of 12

File: USPT

Feb 15, 2000

US-PAT-NO: 6026215

DOCUMENT-IDENTIFIER: US 6026215 A

TITLE: Method for making display products having merged images

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 3. Document ID: US 5986667 A

L35: Entry 3 of 12

File: USPT

Nov 16, 1999

US-PAT-NO: 5986667

DOCUMENT-IDENTIFIER: US 5986667 A

TITLE: Mechanism for rendering scenes using an object drawing subsystem

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 4. Document ID: US 5901246 A

L35: Entry 4 of 12

File: USPT

May 4, 1999

US-PAT-NO: 5901246

DOCUMENT-IDENTIFIER: US 5901246 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 5. Document ID: US 5875108 A

L35: Entry 5 of 12

File: USPT

Feb 23, 1999

US-PAT-NO: 5875108

DOCUMENT-IDENTIFIER: US 5875108 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition based control system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 6. Document ID: US 5777621 A

L35: Entry 6 of 12

File: USPT

Jul 7, 1998

US-PAT-NO: 5777621

DOCUMENT-IDENTIFIER: US 5777621 A

TITLE: Quality control mechanism for three-dimensional graphics rendering

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 7. Document ID: US 5774133 A

L35: Entry 7 of 12

File: USPT

Jun 30, 1998

US-PAT-NO: 5774133

DOCUMENT-IDENTIFIER: US 5774133 A

TITLE: Computer system with improved pixel processing capabilities

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 8. Document ID: US 5764231 A

L35: Entry 8 of 12

File: USPT

Jun 9, 1998

US-PAT-NO: 5764231

DOCUMENT-IDENTIFIER: US 5764231 A

TITLE: Method and apparatus for creating geometric depth images using computer graphics

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 9. Document ID: US 5758046 A

L35: Entry 9 of 12

File: USPT

May 26, 1998



US-PAT-NO: 5758046

DOCUMENT-IDENTIFIER: US 5758046 A

TITLE: Method and apparatus for creating lifelike digital representations of hair and other fine-grained images

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 10. Document ID: US 5561752 A

L35: Entry 10 of 12

File: USPT

Oct 1, 1996

US-PAT-NO: 5561752

DOCUMENT-IDENTIFIER: US 5561752 A

TITLE: Multipass graphics rendering method and apparatus with re-traverse flag

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

**Generate Collection**

Term	Documents
(11 AND 34).USPT.	12

**Display**

10

Documents, starting with Document:

11

**Display Format:** TI**Change Format**

**WEST****Generate Collection****Search Results - Record(s) 11 through 20 of 27 returned.**☐ 11. Document ID: US 5410371 A

L22: Entry 11 of 27

File: EPAB

Apr 25, 1995

PUB-NO: US005410371A

DOCUMENT-IDENTIFIER: US 5410371 A

TITLE: Display system employing acoustro-optic tunable filter

PUBN-DATE: April 25, 1995

## INVENTOR-INFORMATION:

NAME

LAMBERT, JAMES L

COUNTRY

US

## ASSIGNEE-INFORMATION:

NAME

US ARMY

COUNTRY

US

APPL-NO: US07323593

APPL-DATE: June 7, 1993

PRIORITY-DATA: US07323593A (June 7, 1993)

INT-CL (IPC): H04N 5/74

EUR-CL (EPC): G03H001/08; H04N003/10, H04N009/31

## ABSTRACT:

An acousto-optic tunable filter (AOTF) is employed to generate a display by driving the AOTF with an RF electrical signal comprising modulated red, green, and blue video scan line signals and scanning the AOTF with a linearly polarized, pulsed light beam, resulting in encoding of color video columns (scan lines) of an input video image into vertical columns of the AOTF output beam. The AOTF is illuminated periodically as each acoustically-encoded scan line fills the cell aperture of the AOTF. A polarizing beam splitter removes the unused first order beam component of the AOTF output and, if desired, overlays a real world scene on the output plane. Resolutions as high as 30,000 lines are possible, providing holographic display capability.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMDC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 12. Document ID: US 5367627 A

L22: Entry 12 of 27

File: EPAB

Nov 22, 1994

PUB-NO: US005367627A  
DOCUMENT-IDENTIFIER: US 5367627 A  
TITLE: Computer-assisted parts sales method

PUBN-DATE: November 22, 1994

INVENTOR-INFORMATION:

NAME

JOHNSON, JEROME D

COUNTRY

US

ASSIGNEE-INFORMATION:

NAME

CLEAR WITH COMPUTERS INC

COUNTRY

US

APPL-NO: US13398693  
APPL-DATE: October 12, 1993  
PRIORITY-DATA: US13398693A (October 12, 1993)

INT-CL (IPC): G06F 3/14; G06F 15/24  
EUR-CL (EPC): G06F003/033; G06F017/60

ABSTRACT:

A computerized system provides a salesperson with assistance related to training and sales of parts corresponding to particular products. More particularly, a computerized system incorporating a data storage device, a display apparatus, a part selection device and a user interface mechanism enhances the efforts of a parts salesman. The data storage device electronically stores graphic and textual partsrelated information including specifications, features and customer benefits. The display apparatus electronically displays portions of the graphic and textual information in order to provide training and sales assistance related to part features and customer benefits. The part selection device electronically selects a particular part by navigating through part choices menus based on stored part specifications. The user interface mechanism controls the operation of the display apparatus and the part selection device parts so that each of the respective parts are operatively coupled and related to one another.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 13. Document ID: US 5365370 A

L22: Entry 13 of 27

File: EPAB

Nov 15, 1994

PUB-NO: US005365370A  
DOCUMENT-IDENTIFIER: US 5365370 A  
TITLE: Three dimensional viewing illusion with 2D display

PUBN-DATE: November 15, 1994

INVENTOR-INFORMATION:

NAME

HUDGINS, J STEPHEN

COUNTRY

US

ASSIGNEE-INFORMATION:

NAME

COUNTRY

APPL-NO: US07475693  
APPL-DATE: June 10, 1993  
PRIORITY-DATA: US07475693A (June 10, 1993)

INT-CL (IPC): G02B 27/22  
EUR-CL (EPC): G02B027/22

ABSTRACT:

A method and system for creating a three dimensional viewing illusion in true color uses left and right images of a stereo pair which are designed to be viewed respectively by the left and right eyes of a viewer as a single three dimensional image. In synchrony therewith, light from a light source device is alternately shown to the right and left eyes of the viewer so that while the eyes do view both of the left and right stereo images, the contrast of the eye receiving both the light and the stereo image designed for the other eye is reduced. In the various embodiments, the light source device includes a left and a right light source. In one embodiment the light sources are collimated and suitably aimed at the respective eyes. Preferably, the position of the eyes are also tracked and the aiming of the sources is adjusted as the viewer moves. In another embodiment, the light sources are mounted adjacent the associated eye of the viewer on an object which is worn by the viewer. In still another embodiment, the light sources are polarized differently. Then, mounted to an object worn by the viewer is a left light filter device for preventing polarized light from the right light source from being passed and hence received by the left eye and a right light filter device for preventing polarized light from the left light source from being passed and hence received by the right eye.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	R000	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 14. Document ID: US 5335323 A

L22: Entry 14 of 27

File: EPAB

Aug 2, 1994

PUB-NO: US005335323A  
DOCUMENT-IDENTIFIER: US 5335323 A  
TITLE: Computer human interface with multiapplication display

PUBN-DATE: August 2, 1994

INVENTOR-INFORMATION:

NAME	COUNTRY
KOLNICK, FRANK C	CA

ASSIGNEE-INFORMATION:

NAME	COUNTRY
MOTOROLA INC	US

APPL-NO: US98240192  
APPL-DATE: November 27, 1992  
PRIORITY-DATA: US98240192A (November 27, 1992)

INT-CL (IPC): G06F 15/40  
EUR-CL (EPC): G06F003/033; G06F003/033

ABSTRACT:

In a computer human interface an abstract, device-independent "picture" is capable of containing multi-application information. A picture comprises a number of abstract picture elements which can be arbitrarily combined. A particular application attributes meaning to a particular organization of picture elements. No one application need be aware of the existence of any other, nor is it affected by any other, even though several applications may be sharing the same picture. A single, cohesive visual image, incorporating information from various applications, is presented on a suitable output device, such as a video display unit. Images representing portions of any or all of the applications can be displayed and updated on the output device simultaneously and independently of one another. User interface interface information, such as menus, icons, prompts, and help text, is also contained in the picture and may be displayed simultaneously with the application image(s).

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWOC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 15. Document ID: US 5297061 A

L22: Entry 15 of 27

File: EPAB

Mar 22, 1994

PUB-NO: US005297061A  
DOCUMENT-IDENTIFIER: US 5297061 A  
TITLE: Three dimensional pointing device monitored by computer vision

PUBN-DATE: March 22, 1994

INVENTOR-INFORMATION:

NAME	COUNTRY
DEMENTHON, DANIEL F	US
FUJII, YUKIO	JP

ASSIGNEE-INFORMATION:

NAME	COUNTRY
UNIV MARYLAND	US

APPL-NO: US06348993  
APPL-DATE: May 19, 1993  
PRIORITY-DATA: US06348993A (May 19, 1993)

INT-CL (IPC): G06F 15/62  
EUR-CL (EPC): G06F003/00; G06K011/08, G06K011/18

ABSTRACT:

A pointing device (28), comprising light sources (30) and monitored by a computer vision task running in a microcontroller (108) and a computer (24). The computer vision task computes the spatial position and orientation of the pointing device, and enables an operator to control virtual three dimensional objects (73) on the display (22) of the computer. Images (78) are captured by a video camera (20) and digitized, and only image rows that contain bright pixels (80) from the light sources are processed. The light sources are the tips of optic fibers (30) guiding light from a laser diode (32), and an optical filter (46) on the camera is matched to the wavelength of the laser diode.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 16. Document ID: US 5287437 A

L22: Entry 16 of 27

File: EPAB

Feb 15, 1994

PUB-NO: US005287437A

DOCUMENT-IDENTIFIER: ~~US 5287437 A~~ *Almond*

TITLE: Method and apparatus for head tracked display of precomputed stereo images

PUBN-DATE: February 15, 1994

## INVENTOR-INFORMATION:

NAME

DEERING, MICHAEL

COUNTRY

US

## ASSIGNEE-INFORMATION:

NAME

SUN MICROSYSTEMS INC

COUNTRY

US

APPL-NO: US89319692

APPL-DATE: June 2, 1992

PRIORITY-DATA: US89319692A (June 2, 1992)

INT-CL (IPC): G06F 12/02

EUR-CL (EPC): G06T015/10

## ABSTRACT:

A method and apparatus for generating complex 3D stereo images in response to real time viewer head movement by dynamically accessing pairs of stereo images selected from among a precomputed set of images. The precomputed images correspond to a predetermined set of possible viewpoints, and are accessed based upon a prediction of viewer head movement. The arrangement of predetermined viewpoints may be along one, two, or three dimensions.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 17. Document ID: US 5137450 A

L22: Entry 17 of 27

File: EPAB

Aug 11, 1992

PUB-NO: US005137450A  
DOCUMENT-IDENTIFIER: US 5137450 A  
TITLE: Display for advanced research and training (DART) for use in a flight simulator and the like

PUBN-DATE: August 11, 1992

INVENTOR-INFORMATION:

NAME

THOMAS, MELVIN L

COUNTRY

US

ASSIGNEE-INFORMATION:

NAME

US SECRETRY OF THE AIR FORCE

COUNTRY

US

APPL-NO: US60929590

APPL-DATE: November 5, 1990

PRIORITY-DATA: US60929590A (November 5, 1990)

INT-CL (IPC): G09B 9/08; G09B 19/16

EUR-CL (EPC): G09B009/30; G09B009/30, G09B009/32 , G09B009/32

ABSTRACT:

A wrap-around display system for presenting out-the-window visual imagery in a flight simulator is disclosed. Eight identically pentagon-shaped translucent rear-projection screens are joined together at their edges to form a partial dodecahedron. Each video projector is mounted outside the partial dodecahedron to direct, through a mounted mirror-folded beam path, an appropriate simulator image to the rear of a pentagon screen. A simulator pilot views the simulated image from inside the partial dodecahedron. Also disclosed is an apparatus for switching eight video signals among six video channels by monitoring simulator head movement to switch video signals to the screen, or window, then being viewed. Further disclosed is an apparatus for providing geometrically correct separate images to two simulator crewmembers. Each field of an interlaced raster display is a display for a separate crewmember design eye-point. Two liquid crystal controlled glasses are worn one each by each crewmember. The glasses lens are separately switched on and off in synchronization with the two video fields so that each crewmember sees the geometrically correct view for his or her design eye-point.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWC	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	----------	-------

☐ 18. Document ID: US 5130794 A

L22: Entry 18 of 27

File: EPAB

Jul 14, 1992



PUB-NO: US005130794A  
DOCUMENT-IDENTIFIER: US 5130794 A  
TITLE: Panoramic display system

PUBN-DATE: July 14, 1992

INVENTOR-INFORMATION:

NAME

RITCHEY, KURTIS J

COUNTRY

US

ASSIGNEE-INFORMATION:

NAME

RITCHEY KURTIS J

COUNTRY

US

APPL-NO: US50127790

APPL-DATE: March 29, 1990

PRIORITY-DATA: US50127790A (March 29, 1990)

INT-CL (IPC): H04N 7/18

EUR-CL (EPC): F41G007/30; G09B005/02, H04N003/15 , H04N005/265 , G02B027/01 ,  
G09B009/05 , G09B009/30 , G09B009/30 , H04N005/74 , G09B009/48

ABSTRACT:

A panoramic image based virtual reality display system includes a panoramic optical assembly, preferably of substantially spherical coverage, feeding composite optical images to a light sensitive surface of a video camera for storage or further processing in image processing circuitry. Such image processing circuitry includes a special effects generator and image segment circuitry to divide a composite image into a plurality of image segments or sub-segments for display on individual displays of multiple video display assemblies. Such a multiple video display assembly preferably includes a closed structure having individual display units mounted in all viewable directions therein, with segments of the composite image displayed on respective display units to recreate the panoramic view gathered by the panoramic optical assembly. The image processing circuitry may also select a portion or portions of the composite image for display on one or two displays of a head mounted display unit.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	----------	-------

☐ 19. Document ID: US 5367627 A

L22: Entry 19 of 27

File: DWPI

Nov 22, 1994

DERWENT-ACC-NO: 1995-006144  
DERWENT-WEEK: 199501  
COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: Computer-assisted part sales method - electronically selecting particular part by use of menus, with user interface controlling operation of display and part selection unit

INVENTOR: JOHNSON, J D

PATENT-ASSIGNEE:

ASSIGNEE	CODE
CLEAR WITH COMPUTERS INC	CLEAN

PRIORITY-DATA:

1989US-0435809	November 13, 1989
1992US-0959525	October 13, 1992
1993US-0133986	October 12, 1993

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5367627 A	November 22, 1994	N/A	091	G06F003/14

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	APPL-DESCRIPTOR
US 5367627A	November 13, 1989	1989US-0435809	Cont of
US 5367627A	October 13, 1992	1992US-0959525	Cont of
US 5367627A	October 12, 1993	1993US-0133986	N/A
US 5367627A	N/A	US 5283865	Cont of

INT-CL (IPC): G06F 3/14; G06F 15/24

RELATED-ACC-NO: 1994-048368

ABSTRACTED-PUB-NO: US 5367627A

BASIC-ABSTRACT:

A computerised system incorporating a data storage device, a display, a part selection device and a user interface enhances the efforts of a parts salesman. The data storage device electronically stores graphic and textual parts-related information including specifications, features and customer benefits. The display electronically displays portions of the graphic and textual information in order to provide training and sales assistance related to part features and customer benefits.

The part selection device electronically selects a particular part by navigating through part choices menus based on stored part specifications. The user interface mechanism controls the operation of the display and the part selection device so that each is coupled and related to the other.

ADVANTAGE - Single system is able to perform numerous functions e.g. train salesman, inform customer and gather information.

ABSTRACTED-PUB-NO: US 5367627A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1A/91

DERWENT-CLASS: T01

EPI-CODES: T01-J05A;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 20. Document ID: US 5365370 A

L22: Entry 20 of 27

File: DWPI

Nov 15, 1994

DERWENT-ACC-NO: 1994-366330

DERWENT-WEEK: 199445

COPYRIGHT 2000 DERWENT INFORMATION LTD

TITLE: Three-dimensional viewing illusion using two-dimensional display - includes light source for alternately shining light to right and left eyes of viewer synchronously with displaying images of stereo pair

INVENTOR: HUDGINS, J S

PATENT-ASSIGNEE:

ASSIGNEE

CODE

HUDGINS J S

HUDGI

PRIORITY-DATA:

1993US-0074756

June 10, 1993

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

US 5365370 A

November 15, 1994

N/A

008

G02B027/22

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

APPL-DESCRIPTOR

US 5365370A

June 10, 1993

1993US-0074756

N/A

INT-CL (IPC): G02B 27/22

ABSTRACTED-PUB-NO: US 5365370A

BASIC-ABSTRACT:

A display is provided for displaying, alternately, left and right images of a stereo pair, which left and right images of the stereo pair are designed to be viewed by the left and right eyes of a viewer as a single three dimensional image. A light source shines, alternately, light to right and left eyes of the viewer synchronously with the displaying of the respective left and right images of the stereo pair so that while the eyes of the viewer do view both of the left and right stereo images, the contrast of the eye receiving both the light and the stereo image designed for the other eye is reduced.

The light source includes a left and a right collimated light source which are aimed at the respective left and right eyes of the viewer. The light source further includes a tracking unit for tracking the position of the eyes of the viewer and adjusting the aiming of the left and right light sources as the viewer moves.

USE - System for producing a three dimensional viewing illusion from a two-dimensional display.

ABSTRACTED-PUB-NO: US 5365370A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/3

DERWENT-CLASS: P81 S05 W02 W03

EPI-CODES: S05-D01C5A; W02-F03B; W03-A08E; W03-A12A;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMC	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	----------	-------

---

**Generate Collection**

---

Term	Documents
"5130794"[DWPI,EPAB,JPAB,USPT]	20
"5137450"[DWPI,EPAB,JPAB,USPT]	7
"5287437"[DWPI,EPAB,JPAB,USPT]	6
"5297061"[DWPI,EPAB,JPAB,USPT]	5
"5335323"[DWPI,EPAB,JPAB,USPT]	4
"5365370"[DWPI,EPAB,JPAB,USPT]	4
"5367627"[DWPI,EPAB,JPAB,USPT]	5
"5410371"[DWPI,EPAB,JPAB,USPT]	4
"5414544"[DWPI,EPAB,JPAB,USPT]	5
("5410371"   "5335323"   "5365370"   "5297061"   "5367627"   "5414544"   "5287437"   "5137450"   "5130794")![PN].USPT,JPAB,EPAB,DWPI,TDBD.	27

---

**Display**

10

Documents, starting with Document:

21

---

**Display Format:**

TI

**Change Format**

**WEST**

Generate Collection

L19: Entry 16 of 18

File: USPT

Oct 28, 1997

US-PAT-NO: 5682506

DOCUMENT-IDENTIFIER: US 5682506 A

TITLE: Method and system for group visualization of virtual objects

DATE-ISSUED: October 28, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Corby, Jr.; Nelson Raymond	Scotia	NY	N/A	N/A
Lorensen; William Edward	Ballston Lake	NY	N/A	N/A

## ASSIGNEE INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
General Electric Company	Schenectady	NY	N/A	N/A	02

APPL-NO: 8/ 667747

DATE FILED: July 5, 1996

## PARENT-CASE:

This application is a continuation of application Ser. No. 08/304,296 filed Sep. 12, 1994, now abandoned.

INT-CL: [6] G06T 15/00

US-CL-ISSUED: 395/119, 395/129, 395/329

US-CL-CURRENT: 345/419, 345/329, 345/429

FIELD-OF-SEARCH: 395/119, 395/125, 395/806, 395/173, 395/174, 395/329, 382/154, 345/7, 345/8, 345/9, 345/113, 348/42, 348/51, 359/462

## REF-CITED:

## U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	5130794	July 1992	Ritchey	358/87
<input type="checkbox"/>	5137450	August 1992	Thomas	434/44
<input type="checkbox"/>	5287437	February 1994	Deering	395/127
<input type="checkbox"/>	5297061	March 1994	Dementhon et al.	364/559
<input type="checkbox"/>	5335323	August 1994	Kolnick	395/164
<input type="checkbox"/>	5365370	November 1994	Hudgins	359/464
<input type="checkbox"/>	5367627	November 1994	Johnson	395/161
<input type="checkbox"/>	5410371	April 1995	Lambert	348/769
<input type="checkbox"/>	5414544	May 1995	Aoyagi	359/53

## OTHER PUBLICATIONS

Kreger et al., "The responsive workbench", IEEE Computer Graphics and Application, 1994, pp. 12-15.  
Hodges, "Tutorial: Time-Multiplexed Stereoscopic Computer Graphics", IEEE Computer Graphics & Application, 1992, pp. 20-30.  
Ishii et al., "Design of Team/Workstation: A Realtime Shared Workspace fusing Desktops and Computer Screens", Proceedings of COIS'90, pp. 131-142.  
Foley et al., "Computer Graphics: Principles and Practice", Addison-Wesley Publishing Company, 1990, p. 595.  
"Viewpoint Dependent Imaging: An Interactive Stereoscopic Display" by Scott S. Fisher, 10/81, pp. 1-73 (Master's Thesis for Massachusetts Institute of Technology).

ART-UNIT: 242

PRIMARY-EXAMINER: Zimmerman; Mark K.

ASSISTANT-EXAMINER: Hong; Stephen

ATTY-AGENT-FIRM: Zale; Lawrence P. Snyder; Marvin

## ABSTRACT:

A group visualization system allowing users of a group, either at a local site or a remote site to view images personalized to each users specific needs. Each user of the team interactively selects personalize viewing parameters, such as portions of the model to be displayed and the angle to view the model. Each user may select an overlay map to be superimposed on the model and displayed in the same manner which the model is displayed. A user who is an electrical engineer may select a voltage overlay, which a mechanical engineer may select a stress/strain overlay of the same model. Each user may select the parameters specified by another user or users, either at the local site or a remote sites, to see what they are viewing. Each user has access to a pointer which allows each user to specify a location which a symbol is superimposed and is visible to selected users. This results in a tool allowing users of a group at various sites to act as a team interact with each other.

7 Claims, 1 Drawing figures

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 10 of 17 returned.**☐ 1. Document ID: US 6011546 A

L16: Entry 1 of 17

File: USPT

Jan 4, 2000

US-PAT-NO: 6011546

DOCUMENT-IDENTIFIER: US 6011546 A

TITLE: Programming structure for user interfaces

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 5969103 A

L16: Entry 2 of 17

File: USPT

Oct 19, 1999

US-PAT-NO: 5969103

DOCUMENT-IDENTIFIER: US 5969103 A

TITLE: Cart protein

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5801785 A

L16: Entry 3 of 17

File: USPT

Sep 1, 1998

US-PAT-NO: 5801785

DOCUMENT-IDENTIFIER: US 5801785 A

TITLE: Method and system for processing two analog composite video signals

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5798258 A

L16: Entry 4 of 17

File: USPT

Aug 25, 1998

US-PAT-NO: 5798258

DOCUMENT-IDENTIFIER: US 5798258 A

TITLE: Cart protein and DNA encoding therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5757654 A

L16: Entry 5 of 17

File: USPT

May 26, 1998

US-PAT-NO: 5757654

DOCUMENT-IDENTIFIER: US 5757654 A

TITLE: Reflective wave compensation on high speed processor cards

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 5737028 A

L16: Entry 6 of 17

File: USPT

Apr 7, 1998

US-PAT-NO: 5737028

DOCUMENT-IDENTIFIER: US 5737028 A

TITLE: Previous channel listing with cursor controlled user interface for television video displays

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 7. Document ID: US 5657091 A

L16: Entry 7 of 17

File: USPT

Aug 12, 1997

US-PAT-NO: 5657091

DOCUMENT-IDENTIFIER: US 5657091 A

TITLE: Video display controller, user interface and programming structure for such interface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 8. Document ID: US 5652630 A

L16: Entry 8 of 17

File: USPT

Jul 29, 1997

US-PAT-NO: 5652630

DOCUMENT-IDENTIFIER: US 5652630 A

TITLE: Video receiver display, three axis remote control, and microcontroller for executing programs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 9. Document ID: US 5638287 A

L16: Entry 9 of 17

File: USPT

Jun 10, 1997

US-PAT-NO: 5638287

DOCUMENT-IDENTIFIER: US 5638287 A

TITLE: Reflective wave compensation on high speed processor cards



Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 10. Document ID: US 5606374 A

L16: Entry 10 of 17

File: USPT

Feb 25, 1997

US-PAT-NO: 5606374

DOCUMENT-IDENTIFIER: US 5606374 A

TITLE: Video receiver display of menu overlaying video

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Term	Documents
(4 AND 3).USPT,JPAB,EPAB,DWPI,TDBD.	17

Display

10

Documents, starting with Document:

11

Display Format: TI

Change Format

**WEST**

Generate Collection

## Search Results - Record(s) 11 through 17 of 17 returned.

☐ 11. Document ID: US 5604544 A

L16: Entry 11 of 17

File: USPT

Feb 18, 1997

US-PAT-NO: 5604544

DOCUMENT-IDENTIFIER: US 5604544 A

TITLE: Video receiver display of cursor overlaying video

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 12. Document ID: US 5602597 A

L16: Entry 12 of 17

File: USPT

Feb 11, 1997

US-PAT-NO: 5602597

DOCUMENT-IDENTIFIER: US 5602597 A

TITLE: Video receiver display of video overlaying menu

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 13. Document ID: US 5548340 A

L16: Entry 13 of 17

File: USPT

Aug 20, 1996

US-PAT-NO: 5548340

DOCUMENT-IDENTIFIER: US 5548340 A

TITLE: Intelligent television receivers combinations including video displays, and methods for diversion of television viewers by visual image modification

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 14. Document ID: US 5544047 A

L16: Entry 14 of 17

File: USPT

Aug 6, 1996

US-PAT-NO: 5544047

DOCUMENT-IDENTIFIER: US 5544047 A

TITLE: Reflective wave compensation on high speed processor cards

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 15. Document ID: US 5539478 A

L16: Entry 15 of 17

File: USPT

Jul 23, 1996

US-PAT-NO: 5539478

DOCUMENT-IDENTIFIER: US 5539478 A

TITLE: Video receiver display and three axis remote control

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 16. Document ID: US 5539479 A

L16: Entry 16 of 17

File: USPT

Jul 23, 1996

US-PAT-NO: 5539479

DOCUMENT-IDENTIFIER: US 5539479 A

TITLE: Video receiver display of cursor and menu overlaying video

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 17. Document ID: US 5251129 A

L16: Entry 17 of 17

File: USPT

Oct 5, 1993

US-PAT-NO: 5251129

DOCUMENT-IDENTIFIER: US 5251129 A

TITLE: Method for automated morphological analysis of word structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

[Generate Collection](#)

Term	Documents
(4 AND 3).USPT,JPAB,EPAB,DWPI,TDBD.	17

[Display](#)[10](#)

Documents, starting with Document:

[17](#)[Display Format:](#)[TI](#)[Change Format](#)